

AMENDMENT TO THE CLAIMS

Applicant selectively amends the claims as follows:

Listing of Claims:

- 1 1. (Currently Amended) An apparatus comprising:
 - 2 a data path output unit to output a packet header of a packet relating to a message request
 - 3 transaction, the packet header including including:
 - 4 a format field to indicate the length of the packet header and to further specify
 - 5 whether the packet is to include data, data;
 - 6 a subset of a type field to indicate the packet relates to a message request transaction,
 - 7 and transaction;
 - 8 a message group sub-field to indicate the packet is associated with one of a plurality
 - 9 of message groups, each message group including one or more message types; and
 - 10 a message field to include a message to implement the one or more message types.
 - 1 2-4. (Canceled).
 - 1 5. (Previously Presented) The apparatus of claim 1, wherein the message group sub-field is a
 - 2 three-bit sub-field including one bit from the type field and two bits from an extended type
 - 3 field.

1 6. (Currently Amended) An apparatus comprising:

2 a data path input unit to receive a packet header of a packet relating to a message request

3 transaction, the packet header including including;

4 a format field to indicate the length of the packet header and to further specify

5 whether the packet is to include data, data;

6 a subset of a type field to indicate the packet relates to a message request transaction,

7 and transaction;

8 a message group sub-field to indicate the packet is associated with one of a plurality

9 of message groups, each message group including one or more message types; and

10 a message field to include a message to implement the one or more message types.

1 7-9. (Canceled).

1 10. (Previously Presented) The apparatus of claim 6, wherein the message group sub-field is a

2 three-bit sub-field including one bit from the type field and two bits from an extended type field.

1 11. (Currently Amended) A system comprising:

2 a transmitting device to transmit a packet header of a packet relating to a message request

3 transaction, the packet header including, including;

4 a format field to indicate the length of the packet header and to further specify

5 whether the packet is to include data, data;

6 a subset of a type field to indicate the packet relates to a message request transaction,

7 and transaction;

1 a message group sub-field to indicate the packet is associated with one of a plurality
2 of message groups, each message group including one or more message types;
3 a message field to include a message to implement the one or more message types;
4 and
5 a receiving device responsive to the transmitting device, the receiving device to receive
6 the packet header.

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1 12-14. (Cancelled).

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1 15. (Previously Presented) The system of claim 11, wherein the message group sub-field is a
2 three-bit sub-field including one bit from the type field and two bits from an extended type
3 field.

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1 16. (Currently Amended) The apparatus of claim [[3]] 1, wherein the message to implement the
2 one or more message types comprises a message type to includes at least one message
3 selected from the following group of: a message to unlock a device, a message to reset a
4 device, a message to indicate a correctable error condition, a message to indicate an
5 uncorrectable error condition, a message to indicate a fatal error condition, a message to
6 report a bad request packet and a message to emulate an interrupt signal.

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1 17. (Currently Amended) The apparatus of claim [[8]] 6, wherein the message to implement the
2 one or more message types comprises a message type to includes at least one message
3 selected from the following group of: a message to unlock a device, a message to reset a

4 device, a message to indicate a correctable error condition, a message to indicate an
5 uncorrectable error condition, a message to indicate a fatal error condition, a message to
6 report a bad request packet and a message to emulate an interrupt signal.

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1 18. (Currently Amended) The system of claim [[13]] 11, wherein the message to implement the
2 one or more message types comprises a message type to includes at least one message
3 selected from the following group of: a message to unlock a device, a message to reset a
4 device, a message to indicate a correctable error condition, a message to indicate an
5 uncorrectable error condition, a message to indicate a fatal error condition, a message to
6 report a bad request packet and a message to emulate an interrupt signal.

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1 19. (New) The apparatus of claim 1, wherein the plurality of message groups comprises a power
2 management message group to include one or more power management message types.

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1 20. (New) The apparatus of claim 1, wherein the plurality of message groups comprises an
2 interrupt signaling message group to include one or more interrupt signal message types.

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1 21. (New) The apparatus of claim 6, wherein the plurality of message groups comprises a power
2 management message group to include one or more power management message types.

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1 22. (New) The system of claim 11, wherein the plurality of message groups comprises a power
2 management message group to include one or more power management message types.

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